

**Notice of Allowability**

Application No.

10/518,395

Examiner

William H. Mayo III

Applicant(s)

GOEHLICH, LOTHAR

Art Unit

2831

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to October 9, 2007.
2. ☒ The allowed claim(s) is/are 30-59.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

## **DETAILED ACTION**

### ***Allowable Subject Matter***

1. Claims 30-59 are allowed.
2. The following is an examiner's statement of reasons for allowance: This invention deals with a method of building a termination of an electrical cable wherein an insulating material fills a cavity between the outer insulator body and the interior member and means for accommodating the volume expansion of the insulating material within the cavity, the method comprising placing a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claims 30 & 59). This invention also deals with a method of building a termination of an electrical cable wherein an insulating material fills a cavity between the outer insulator body and the interior member and means for accommodating the volume expansion of the insulating material within the cavity, the method comprising placing a solid body as a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 34). This invention also deals with a method of building a termination of an electrical cable wherein an insulating material fills a cavity between the outer insulator body and the interior member and means for accommodating the volume expansion of the insulating material within the cavity, the method comprising placing a foam body as a volume change compensation member into the cavity, wherein the structural member has a predetermined volume to

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accommodate volume expansions of the insulating material in the cavity (claim 35).

This invention also deals with a method of building a termination of an electrical cable wherein an insulating material fills a cavity between the outer insulator body and the interior member and means for accommodating the volume expansion of the insulating material within the cavity, the method comprising placing a hollow body as a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 36). This invention also deals with a method of building a termination of an electrical cable wherein an insulating material fills a cavity between the outer insulator body and the interior member and means for accommodating the volume expansion of the insulating material within the cavity, the method comprising placing a compressible body as a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 37). This invention also deals with a method of building a termination of an electrical cable wherein an insulating material fills a cavity between the outer insulator body and the interior member and means for accommodating the volume expansion of the insulating material within the cavity, the method comprising placing a inflatable body as a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 38). This invention deals with a termination of an electrical cable comprising means for accommodating the volume expansions of the insulating material

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within the cavity, wherein the means comprises a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 44). This invention deals with a termination of an electrical cable comprising means for accommodating the volume expansions of the insulating material within the cavity, wherein the means comprises a hollow body as a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 45). This invention deals with a termination of an electrical cable comprising means for accommodating the volume expansions of the insulating material within the cavity, wherein the means comprises a foam body as a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 46). This invention deals with a termination of an electrical cable comprising means for accommodating the volume expansions of the insulating material within the cavity, wherein the means comprises a inflatable body as a volume change compensation structural member into the cavity, wherein the structural member has a predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 47). This invention deals with a termination of an electrical cable comprising means for accommodating the volume expansions of the insulating material within the cavity, wherein the means comprises a solid body as a volume change compensation structural member into the cavity, wherein the structural member has a

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predetermined volume to accommodate volume expansions of the insulating material in the cavity (claim 48). The above stated claim limitations, in combination with other claim limitations, is not taught or suggested by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Response to Arguments***


3. Applicant's arguments filed October 9, 2007, have been fully considered and they are persuasive. Specifically, the applicant argument that "Thus, one of ordinary skill in the art would not be motivated to combine Abisso and Evans in the manner suggested by the Examiner because Evans teaches away from such a modification and such a combination would render the electrical device of Evans usable" is persuasive and therefore the claims have been allowed.

### ***Communication***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Mayo III whose telephone number is (571)-272-1978. The examiner can normally be reached on M-F 8:30am-6:00 pm (alternate Fridays off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego F.F. Gutierrez can be reached on (571) 272-2245 or (571) 272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



William H. Mayo III  
Primary Examiner  
Art Unit 2831

WHM III  
November 26, 2007